

**Notice of Allowability**

Application No.

10/668,470

Applicant(s)

SHUTTER ET AL

Examiner

Art Unit

Olga Hernandez

2144

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address—

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 3/31/05.
2. ☒ The allowed claim(s) is/are 2-5 and 8-26.
3. ☒ The drawings filed on 9/23/03 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 2

**DETAILED ACTION****EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jon Shutter on 4/19/05.

The application has been amended as follows:

Claim 9, line 1, after "messages" insert —using a computing platform, said method--.

Claim 9, line 3, before "obtaining" insert —using the computing platform to—.

Claim 9, line 3, before "traffic" delete "obtaining" and insert --obtain--.

Claim 12, line 1, after "messages" insert —using a computing platform, said method--.

Claim 12, line 3, before "obtaining" insert —using the computing platform to—.

Claim 12, line 3, before "traffic" delete "obtaining" and insert --obtain--.

Claim 14, line 1, after "messages" insert —using a computing platform, said method--.

Claim 14, line 3, before "obtaining" insert —using the computing platform to—.

Claim 14, line 3, before "traffic" delete "obtaining" and insert --obtain--.

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 3

Claim 15, line 1, after "messages" insert --using a computing platform, said method--.

Claim 15, line 3, before "obtaining" insert --using the computing platform to--.

Claim 15, line 3, before "traffic" delete "obtaining" and insert --obtain--.

Claim 17, line 1, after "messages" insert --using a computing platform, said method--.

Claim 17, line 3, before "obtaining" insert --using the computing platform to--.

Claim 17, line 3, before "traffic" delete "obtaining" and insert --obtain--.

Claim 19, line 1, after "messages" insert --using a computing platform, said method--.

Claim 19, line 3, before "obtaining" insert --using the computing platform to--.

Claim 19, line 3, before "traffic" delete "obtaining" and insert --obtain--.

***Allowable Subject Matter***

Claims 2, 3, 5, 8-26 are allowed.

The following is an examiner's statement of reasons for allowance:

As per claims 17, 18, 2, 3, 5, 8, 11, 13, 16, no prior art teaches a method for developing a plurality of traffic messages comprising: for each of the plurality of traffic conditions, converting the location description into a location reference code assigned by a traffic message supplier; and transmitting the traffic message representing the traffic conditions, each of the traffic messages include the location reference code of one of the traffic conditions wherein the traffic data includes an event description and

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 4

the method further comprising for each of the traffic conditions, converting the event description into a event code assigned by the traffic message supplier.

As per claims 9 and 10, no prior art teaches a method for developing a plurality of traffic messages comprising: the location description provides a main road along which the traffic condition exists, a start description indicating a beginning of the traffic condition on the main road and an end description indicating an end of the traffic condition on the main road, wherein the main road and the start description being converted into a first location reference code and the main road and the end description being converted into a second location reference code.

As per claim 12, no prior art teaches a method for developing a plurality of traffic messages comprising: obtaining traffic data indicating a plurality of traffic conditions on a road network, the traffic data includes a location description for each of the traffic conditions; for each of the traffic conditions, for converting the location description into a location reference code assigned by a traffic message supplier; and transmitting the traffic messages representing the traffic conditions, each of the traffic messages include the location reference code of one of the traffic conditions, wherein the converting step is performed with a conversion table, wherein if the conversion table does not provide a match between the location description and the location reference code, the traffic condition is excluded from the transmitted traffic messages.

As per claim 14, no prior art teaches a method for developing a plurality of traffic messages comprising: obtaining traffic data indicating a plurality of traffic conditions on a road network, the traffic data includes a location description for each of the traffic

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 5

conditions, wherein the traffic data includes a duration; for each of the traffic conditions, converting the location description into a location reference code assigned by a traffic message supplier, and converting the duration into a duration code assigned by the traffic message supplier; and transmitting the traffic messages representing the traffic conditions, each of the traffic messages include the location reference code of one of the traffic conditions.

As per claim 15, no prior art teaches a method for developing a plurality of traffic messages comprising: obtaining traffic data indicating a plurality of traffic conditions on a road network, the traffic data includes a location description for each of the traffic conditions; for each of the traffic conditions, converting the location description into a location reference code assigned by a traffic message supplier; and transmitting the traffic messages representing the traffic conditions, each of the traffic messages include the location reference code of one of the traffic conditions, wherein the traffic data includes a duration and the method further comprising determining whether the duration has expired, if so, the traffic condition is excluded from the transmitted traffic messages.

As per claims 19-25, no prior art teaches a method for developing a plurality of traffic messages comprising: obtaining traffic data indicating traffic conditions at a plurality of locations on a road network, the traffic data includes a location description for each of the traffic conditions; for each of the traffic conditions, converting the location description into a location reference code assigned by a traffic message supplier and an extent of a number of consecutive location reference codes affected by the traffic condition; transmitting the traffic messages representing the traffic conditions, each of

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 6

the traffic messages include the location reference code and the extent of the traffic condition.

As per claim 26, no prior art teaches a method for developing a plurality of traffic messages comprising: obtaining traffic data indicating traffic conditions on a road network, the traffic data includes a location description for each of the traffic conditions; for each of the traffic conditions, converting the location description into a first location reference code and a second location reference code indicates where the traffic condition begins and the second location reference code indicates where the traffic condition ends; transmitting the traffic messages representing the traffic conditions, each of the traffic messages include the first location reference code and the second location reference code of the traffic condition.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

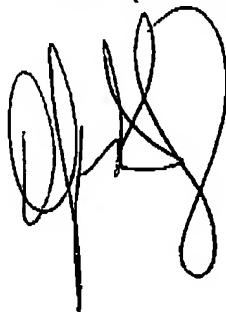
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olga Hernandez whose telephone number is 571-272-7144. The examiner can normally be reached on Mon-Thu 7:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached on 571-272-3925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/668,470  
Art Unit: 2144

Page 7

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'OH' with a stylized flourish.

Olga Hernandez  
Examiner  
Art Unit 2144